



## **Teacher Overview**

### **Lumber and Sawmill Activities**

#### **Activities:**

There are 3 activities, some with two sections, that will either prepare students for their Journey to the Falls or serve as post-trip activities. These activities focus on the historic lumber and sawmill industries of Minneapolis.

#### **Part 1- A Visit to a Minneapolis Sawmill:**

Section 1A: Reading for comprehension

Section 1B: Writing (journals, postcards, letters, newspapers)

#### **Part 2- Minneapolis Lumber- Building the Midwest**

Section 2A: Rounding off, calculations

Section 2B: Making a graph

#### **Part 3- The Art of Lumbering**

Log Marks

**Objective:** Students will become familiar with the lumber industry in Minneapolis. Students will learn what lumbering is, why the river was important to this industry and the economy of Minneapolis. Students will read a primary source document, examine and write a variety of writing styles and perform simple math calculations.

**Grade Level:** Grades 4-6

**Time required:** Each activity section will require approximately 30 minutes.

**Materials:** No additional materials are necessary for these activities beyond the worksheets. Some activities may be enriched using color pencils or note cards. Student access to the internet will allow students to explore a site designed for students (Forests, Fields and Falls.)

#### **History and Social Studies Standards:**

**Geography:** D. Interconnections- The student will describe how humans influence the environment and in turn are influenced by it. 1. Students will recognize changes over time in nearby landscapes resulting from human occupation.

**History:** Minnesota History C. Early Settlement and Statehood 1810-1860; The student will know and understand the factors that led to rapid settlement of Minnesota in the 19<sup>th</sup> Century and the changes the new Minnesotans brought with them. E. Industrial Era 1865-1914; The student will know and understand Minnesota's major industries and the economic, social, political, and technological changes that accompanied industrialization.

**Other** standards may also apply.



## **Teacher Overview (con't.) Lumber and Sawmill Activities**

### **Preparing Students for their Journey to the Falls trip**

Reading the booklet, "A Visit to a Minneapolis Sawmill" will familiarize students with basic information on the lumber and sawmill industries and their influence in 19<sup>th</sup> century Minnesota and Minneapolis development. Students will examine an 1895 map while on the riverboat which features log booms and lumber sites.

### **Teacher Resources- Books**

**Mill City** edited by Shannon Pennefeatherby- page 54 Henry Griffith, page 55 Melvin Frank, page 57 Paul Gyllstrom, page 58 Walter E. Dexter

**The Bohemian Flats** compiled by the Workers of the Writers Program of the Work Projects Administration- pages 16-18

**Old Rail Fence Corners** edited by Lucy L. W. Morris

### **On-line Teacher Resources**

#### **Mississippi National River and Recreation Area- National Park Service**

The Mississippi River can be used as a theme to link subject matter across the curriculum – science, history, cultures, geography, reading, writing, art, music, computer learning, and more. [www.nps.gov/miss](http://www.nps.gov/miss)

#### **Minnesota Historical Society**

##### **Forest, Fields, and the Falls**

Explore the lumbering and sawmilling industries of northern Minnesota and at St. Anthony Falls. This interactive online comic book for students explores the connection between the northern pine forests, the Mississippi River and St. Anthony Falls. Click on the "Index" tab at the bottom of the page for detailed links to additional information. <http://discovery.mnhs.org/ConnectingMN/>

##### **Photo and Art Database**

Search the photograph, art and poster collections at the Minnesota Historical Society. Not all collections are online, but over thousands of images are available. <http://collections.mnhs.org/visualresources>

#### **Teaching with Historic Places (TwHP)**

TwHP is a program of the National Park Service's National Register of Historic Places. This site explores the connection between railroads, North Dakota wheat fields, and Minnesota flour mills during the late 19th and early 20th centuries. Full color maps, photos, and other documents may also be useful in exploring the lumber/sawmill story. <http://www.nps.gov/history/nr/twhp/wwwlps/lessons/106wheat/106wheat.htm>

#### **Minneapolis Public Library (now merged with Hennepin County Library)**

The Minneapolis library collection features an on-line description of Minneapolis history featuring historical photos and text. Find this site by going to <http://www.hclib.org/pub/>, click on the Reference and Research tab and choose Special Collections. Then click on Minneapolis Collection (overview) or: <http://www.hclib.org/pub/search/specialcollections/>